

The 4.14 to 5.0 Transformation Tool was created using XSL (Extensible Stylesheet Language). This tool aids in the transformation of SEVIS Release 4.14 XML files to SEVIS Release 5.0 XML files for uploading for SEVIS Batch.

These tips will help in the process of transforming 4.14 files to the new 5.0 format.

1. You must attach the XSL to your 4.14 files. Be sure to include the location of the XSL.

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with v5 rel. 4 U -->
<?xml-stylesheet type="text/xsl" href="C:\4.14to5.0Transform.xsl"?>
```

2. Once the 4.14 file is transformed into 5.0 formats, the next step is to assign the correct schema to the new file.

```
<SEVISBatchCreateUpdateStudent userID="aaaaaa0000"
xmlns:common="http://www.immigration.gov/xmlschema/sevisbatch/Common"
xmlns:table="http://www.immigration.gov/xmlschema/sevisbatch/Table"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="C:\BATCH\Create-UpdateStudent.xsd">
```

3. The XSL is responsible for converting 4.14 file. New required fields exist in 5.0 that were not in 4.14. This data is left out of the new XML file. If you try to validate the new 5.0 file in any XML software program, the file will be invalid. The user is responsible for adding these new fields that did not exist in 4.14.

For example: Exchange Visitor (Financial Information – Other Funds)

```
<OtherFunds>
  <USGovt>
    <Org1>ACT</Org1>
    <OtherName1>String</OtherName1>
    <Amount1>99999999</Amount1>
    <Org2>ACT</Org2>
    <OtherName2>String</OtherName2>
    <Amount2>99999999</Amount2>
  </USGovt>
  <International>
    <Org1>ECA</Org1>
    <OtherName1>String</OtherName1>
    <Amount1>99999999</Amount1>
    <Org2>ECA</Org2>
    <OtherName2>String</OtherName2>
    <Amount2>99999999</Amount2>
  </International>
  <EVGovt>99999999</EVGovt>
  <BinationalCommission>99999999</BinationalCommission>
  <Other>
    <Name>String</Name>
    <Amount>99999999</Amount>
  </Other>
  <Personal>99999999</Personal>
</OtherFunds>
```

OtherName1 and OtherName2 do not exist in 4.14. In 5.0, these fields are required when you choose "OTHER" as Org1 or Org2.

4**. The following Student and EV Updates can be completed in 5.0 by using this stylesheet: Conversion tips in *italics*. Only actions available in 4.14 and 5.0 can be utilized by this tool (i.e.) Education Level, Reprint are new updates in 5.0 that did not exist in 4.14.

- Student Updates
 - AuthDropBelowFC - *Add only (Insert Status if necessary) ie – Student has Initial & Active records*
 - CPT
 - Dependent
 - Disciplinary Action
 - FinancialInfo
 - Off Campus Employment
 - OPT
 - PersonalInfo
 - Program
 - Registration – *Add in field Remarks*
- Exchange Visitor Updates
 - Biographical – *Change the element name to **Biographical** from PersonalInfo after conversion*
 - Dependent
 - FinancialInfo – *OtherName1 & 2 must be placed in the file if Org1 or Org2 = Other*
 - Program – *Add in mandatory field SubjectFieldRemarks in (EditSubject)*
 - Site of Activity – *Insert mandatory field PrimarySite (Add)*
 - Validate

Please be sure to have a copy of the Application Program Interface (API) handy while trying to create your XML files. The API is located at <http://www.ice.gov/graphics/sevis/schools/batch.htm>

***Note: The 4.14 to 5.0 Transformation Tool is currently not configured to handle every Student / EV Update Event. Only the one's specifically stated in #4.*